

Amendments to the Specification:

Please amend the paragraph beginning at page 22, line 27, as follows:

In a preferred embodiment, chromatography material ~~MEP Hypercel®~~ MEP HYPERCEL® is used for HCIC. In another preferred embodiment, chromatography material ~~MacroPrep Methyl®~~ MACROPREP METHYL® is used for HIC.

Please amend the paragraph beginning at page 23, line 5, as follows:

In a preferred embodiment, anion exchange chromatography is performed using one or more of the following chromatography materials: ~~Q Sepharose Fast Flow®, MacroPrep High Q Support®, DEAE Sepharose Fast Flow®, and Macro Prep DEAE®~~ Q SEPHAROSE FAST FLOW®, MACROPREP HIGH Q SUPPORT®, DEAE SEPHAROSE FAST FLOW®, AND MACRO-PREP DEAE®. In a preferred embodiment, cation exchange chromatography is performed using one or more of: ~~SP Sepharose Fast Flow®, Source 30S®, CM Sepharose Fast Flow®, Macro Prep CM Support®, and Macro Prep High S Support®~~ SP Sepharose Fast Flow®, Source 30S®, CM Sepharose Fast Flow®, Macro-Prep CM Support®, and Macro-Prep High S Support®.

Please amend the paragraph beginning at page 23, line 11, as follows:

In a preferred embodiment, the method further includes subjecting the hmGCB product to size exclusion chromatography. Preferably, the size exclusion chromatography is performed using one or more of the following chromatography materials: ~~Superdex 200®, Sephacryl S-200 HR® and Bio Gel A 1.5m®~~ SUPERDEX 200®, SEPHACRYL S-200 HR® AND BIO-GEL A 1.5M®.

Please amend the paragraph beginning at page 23, line 23, as follows:

In a preferred embodiment, chromatography material ~~MEP Hypercel®~~ MEP HYPERCEL® is used for HCIC. In another preferred embodiment, chromatography material

~~MacroPrep Methyl®~~ MACROPREP METHYL® is used for HIC.

Please amend the paragraph beginning at page 23, line 25, as follows:

In a preferred embodiment, the method includes using anion exchange chromatography. Preferably, anion exchange chromatography is performed using one or more of the following chromatography materials: ~~Q Sepharose Fast Flow®, MacroPrep High Q Support®, DEAE Sepharose Fast Flow®, and Macro Prep DEAE®~~ Q SEPHAROSE FAST FLOW®, MACROPREP HIGH Q SUPPORT®, DEAE SEPHAROSE FAST FLOW®, AND MACRO-PREP DEAE®.

Please amend the paragraph beginning at page 23, line 29, as follows:

In a preferred embodiment, the method includes using cation exchange chromatography. Preferably, cation exchange chromatography is performed using one or more of the following chromatography materials: ~~SP Sepharose Fast Flow®, Source 30S®, CM Sepharose Fast Flow®, Macro Prep CM Support®, and Macro Prep High S Support®~~ SP SEPHAROSE FAST FLOW®, SOURCE 30S®, CM SEPHAROSE FAST FLOW®, MACRO-PREP CM SUPPORT®, AND MACRO-PREP HIGH S SUPPORT®.

Please amend the paragraph beginning at page 24, line 3, as follows:

In a preferred embodiment, the method includes using size exclusion chromatography. Preferably, the size exclusion chromatography is performed using one or more of the following chromatography materials: ~~Superdex 200®, Sephacryl S-200 HR® and Bio-Gel A 1.5m®~~ SUPERDEX 200®, SEPHACRYL S-200 HR® AND BIO-GEL A 1.5M®.

Please amend the paragraphs beginning at page 24, line 21, as follows:

In a preferred embodiment, chromatography material ~~MEP Hypercel®~~ MEP HYPERCEL® is used for HCIC. In another preferred embodiment, chromatography material ~~MacroPrep Methyl®~~ MACROPREP METHYL® is used for HIC.

In a preferred embodiment, anion exchange chromatography is performed using one or more of the following chromatography materials: ~~Q Sepharose Fast Flow®, MacroPrep High Q Support®, DEAE Sepharose Fast Flow®, and Macro-Prep DEAE®~~ Q Sepharose Fast Flow®, MacroPrep High Q Support®, DEAE Sepharose Fast Flow®, and Macro-Prep DEAE®.

In a preferred embodiment, cation exchange chromatography is performed using one or more of the following chromatography materials: ~~SP Sepharose Fast Flow®, Source 30S®, CM Sepharose Fast Flow®, Macro-Prep CM Support®, and Macro-Prep High S Support®~~ SP SEPHAROSE FAST FLOW®, SOURCE 30S®, CM SEPHAROSE FAST FLOW®, MACRO-PREP CM SUPPORT®, AND MACRO-PREP HIGH S SUPPORT®.

In a preferred embodiment, size exclusion chromatography is performed using one or more of the following chromatography materials: ~~Superdex 200®, Sephaeryl S-200 HR® and Bio-Gel A 1.5m®~~ SUPERDEX 200®, SEPHACRYL S-200 HR® AND BIO-GEL A 1.5M®.

Please amend the paragraph beginning at page 41, line 28, as follows:

Preferably, HCIC or HIC can be combined with one or more of these ion exchange steps. When a combination of HCIC or HIC and various ion exchange or gel filtration steps are used, they can be performed in any order. For example, as described below a four step procedure can be followed which includes HCIC using hydrophobic charge induction chromatography material ~~MEP Hypercel®~~ MEP HYPERCEL® or HIC using hydrophobic interaction chromatography material MacroPrep Methyl®, then ion-exchange chromatography resins ~~Q Sepharose Fast Flow®, SP Sepharose Fast Flow®~~ Q SEPHAROSE FAST FLOW®, SP SEPHAROSE FAST FLOW® and lastly size-exclusion chromatography resin ~~Superdex 200®~~ SUPERDEX 200®. Several of these procedures are set forth in more detail below.

Please amend the paragraphs beginning at page 51, line 16, as follows:

In experiments with HT-1080 cells ~~expressing activated endogenous~~ in which the glucocerebrosidase gene has been activated as described in U.S. 5,641,670 (Gene-Activated™®)

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GCB (GA-GCB)), the cells were treated with either kifunensine or swainsonine at concentrations ranging from 0.1 to 2 $\mu\text{g/mL}$.